## Name: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ Date: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ Pd: \_\_\_\_\_\_

## Botany 322 Miss Boisse

# Trees of EGHS Campus Identification Project

**Objective**: Become familiar the different trees around the EGHS campus.

**Description**:

1. There are over 800 different species of trees in the United States. Your objective for this project is to identify and collect leaves from **30 different TREES**.

2. **While collecting**:

* Collect 2 of each species (to account for possible damage during pressing) but you only need to include 1 in your final collection binder.
* Avoid plants that are off-color, over-mature, diseased, or otherwise not normal
* While at the collection site, record each plant in your notebook by giving it a number and describe the specimen to help with identification later on. Place a piece of masking tape around the specimen with the assigned number.

3. The leaves will need to be pressed for a few days. You may paste up to 2 species on one page (one side only). There should be plenty of room with no overlap for the pasted sample and the index card. Then they will have to be neatly pasted on 8 ½ “ x 11 “ plain white paper. Leaves stuck loosely to paper are not accepted.

4. Each leaf should be labeled in the following way on an index card:

Name of collector

Date collected

County and State

Scientific Name

Common Name

5. Place all the pages together in a binder (clear page protectors optional).

6. **Grading**: The total project is worth **300** points:

* **8** points per index card............................correctly filled out/species correctly identified.
  + Name of collector, date, county/state = 1 point
  + Scientific name= 3 points
  + Common name= 4 points
* **2** points per page.......................................... sample is attached appropriately and neatly.

7. Extra credit (10 points) will be awarded for a total of **35** different trees collected **AND** creative

appearance (i.e. organized by needle trees, lobed-leaf trees, etc.).

8. In addition to the final tree binder, please respond to the following questions typed in complete

sentences.

1. List the benefits that trees have to the environment and humans.
2. What difficulties did you have in identifying the tree samples?
3. Which tree was the easiest to identify? Why?
4. What factors cause trees to be located where they are?
5. How does a tree differ from a shrub?
6. Describe one or two dominant tree species in Rhode Island?